

What is claimed is:

1. A positioning structure for air fan induction element and stator, comprising:

5 a stator having a first shaft opening and a plurality of pole struts, one pole strut having a front end opposing a rear end of a neighboring pole strut;

10 a circuit board having a second shaft opening which has equal diameter as the first shaft opening and engageable with the stator; and

15 an induction element located at a selected position in a zone defined by a circle center coincided with the center of the second shaft opening, and in a range defined by a base line \pm 10 degrees, with the base line formed by the equipartition plane of the opposing front end and the rear end of the two neighboring pole struts intersecting with the circuit board thereby to position a quadruple-pole stator precisely and to improve electric current, air pressure and air flow rate and rotation speed of the air fan and enhance air fan durability.

20 2. The positioning structure of claim 1, wherein the mounted position of the induction element on the circuit board has a positioning mark.

3. The positioning structure of claim 2, wherein the positioning mark is a point mark or a line mark.

25 4. The positioning structure of claim 1, wherein the induction element is vertically mounted or horizontally mounted.

5. A positioning structure for air fan induction element and stator, comprising:

5 a stator having an upper pole sheet, a lower pole sheet, a shaft sleeve, and a wiring frame located between the upper pole sheet and the lower pole sheet, the upper pole sheet having a front pole end, the lower pole sheet having a rear pole end;

a circuit board having a shaft opening which has equal diameter as the shaft sleeve diameter and engageable with the stator; and

10 an induction element located at a selected position in a zone defined by a circle center coincided with the center of the shaft opening, and in a range defined by a base line ± 5 degrees, with the base line formed by the equipartition plane of the front pole end of the upper pole sheet and the rear pole end of the lower pole sheet intersecting with the circuit board thereby to position an octonary-pole stator precisely and to improve electric current, air pressure and air flow rate and rotation speed of the air fan and enhance air fan durability.

20 6. The positioning structure of claim 5, wherein the mounted position of the induction element on the circuit board has a positioning mark.

7. The positioning structure of claim 6, wherein the positioning mark is a point mark or a line mark.

25 8. The positioning structure of claim 5, wherein the induction element is vertically mounted or horizontally mounted.